



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D119-675-015
Job Sheet 170292



Part No: D119-675-015

Job Qty: 1 ea

Part Name: Dart Crosstube Compatibility Installation



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/12/18

Job Tracking No:

Due Date: 1/13/18

Created By: Linda Lacelle

Type: AOG

Description:

Note: DWG REV C IPP REV:A 15.11.09 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/13/18	0.00	0.00	Start Up Stores/Pkg-1		AT
110	Packaging	1 pcs		1/13/18	0.00	0.00	Packaging1-1		AT
120	QC	1 pcs		1/13/18	0.00	0.00	QC4		AT
125	DC	1 pcs		1/13/18	0.00	0.00	DC		AT
130	Packaging	1 pcs		1/13/18	0.00	0.00	Packaging3-1		AT
140	QC21-FG	1 Ea		1/13/18	0.00	0.00	QC21		AT

Part Op 125 - Photocopy bluefile & type labels per PPPD119-675-015 CHG001
Descriptions: 130 - Package as per PPPD119-675-015

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN4-15A 5031863	1 5027837	261	0	0
	AN4-16A 5031864	1 5041150	369	0	0
	AN4-22A 5031866	1 5006291	38	0	0
	D2732-032 5031867	1 50165835	67	0	0
	D5283-041 5031869	1 50165774	3	0	0
	D5283-043 5031875	2 50165775	2	0	0
	D5283-11 5031881	2 50165778	4	0	0
	D5283-7 5031873	2 50165779	4	0	0
	MS21042L4 5031874	12 5010351	3,227	0	0
	NAS1149D0463J 5031875	24 5014733	5,340	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																															
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Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval																																																																													
Job No: 170292 Start up Operation 01/12/18 CHG001 Change No: _____ Operation: _____ Revision: _____ Original Serial #031882 PART NO: D119-675-015 DART Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K64 1K7 TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com																																																																																			
Completed By																																																																																			
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Change Record

PAGE 1 OF 1

Part Number: D119-675-015

Description: DART CROSSTUBE COMPATIBILITY INSTALLATION

[illegible]

REFERENCE ONLY

5.2 Maintenance Step and Compatibility Kits Parts List

ITEM	Qty -013	Qty -015	Part Number	Description
	X		D119-675-013	MAINTENANCE STEP
		X	D119-675-015	DART CROSSTUBE COMPATIBILITY KIT
100	2		D4084-1	MAINTENANCE STEP
101	4		AN5-7A	BOLT
102	4		AN5-11A	BOLT
103	8		NAS1149D0563J	WASHER (OR AN960JD516)
104		8	D2732-032	RUBBER CUSHION
105		2	D5283-7	CLAMP
106		2	D5283-11	CLAMP
107		2	D5283-041	CLAMP
108		2	D5283-043	CLAMP
109		4	AN4-15A	BOLT
110		4	AN4-16A	BOLT
111		4	AN4-22A	BOLT
112		24	NAS1149D0463J	WASHER (OR AN960JD416)
113		12	MS21042L4	NUT (OR MS21042-4)

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Revision: C

Date: 15.07.20

Operation Number	Operation	Serial Number	Job	Quantity	Weight	Original Serial Number	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No
Part Number: AN4-22A Revision: Bolt														
100	Receive Ea	S031865	170292	4 Ea	0	m138621	ST342		Stock	1/12/2018	Issue Container			
Operation Totals:		1		4	0									
Part Totals:		1		4	0									
Part Number: D119-675-015 Revision: Dart Crosstube Compatibility Installation														
140	QC21-FG	S031882	170292	1 Ea	0	S031882	FG		Stock	1/12/2018	Issue Container			
Operation Totals:		1		1	0									
Part Totals:		1		1	0									
Part Number: MS21042L4 Revision: Nut														
100	Receive Ea	S031874	170292	12 Ea	0		Start Up Stores/Pkg-1		Stock	1/12/2018	Issue Container			
Operation Totals:		1		12	0									
Part Totals:		1		12	0									
Part Number: NAS1149D0463J Revision: Washer														
100	Receive Ea	S031875	170292	24 Ea	0		Start Up Stores/Pkg-1		Stock	1/12/2018	Issue Container			
Operation Totals:		1		24	0									
Part Totals:		1		24	0									
Totals:		4		41	0									

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					